

Business management  
and accounting team

Requirements analysis and  
simulation team

Designing, analysis, and  
simulation team

Initial idea

R&D/  
Design  
tradeoff  
studies

Design 1

Design 2

Design n

Prototype  
production

Final product  
produced in quantity

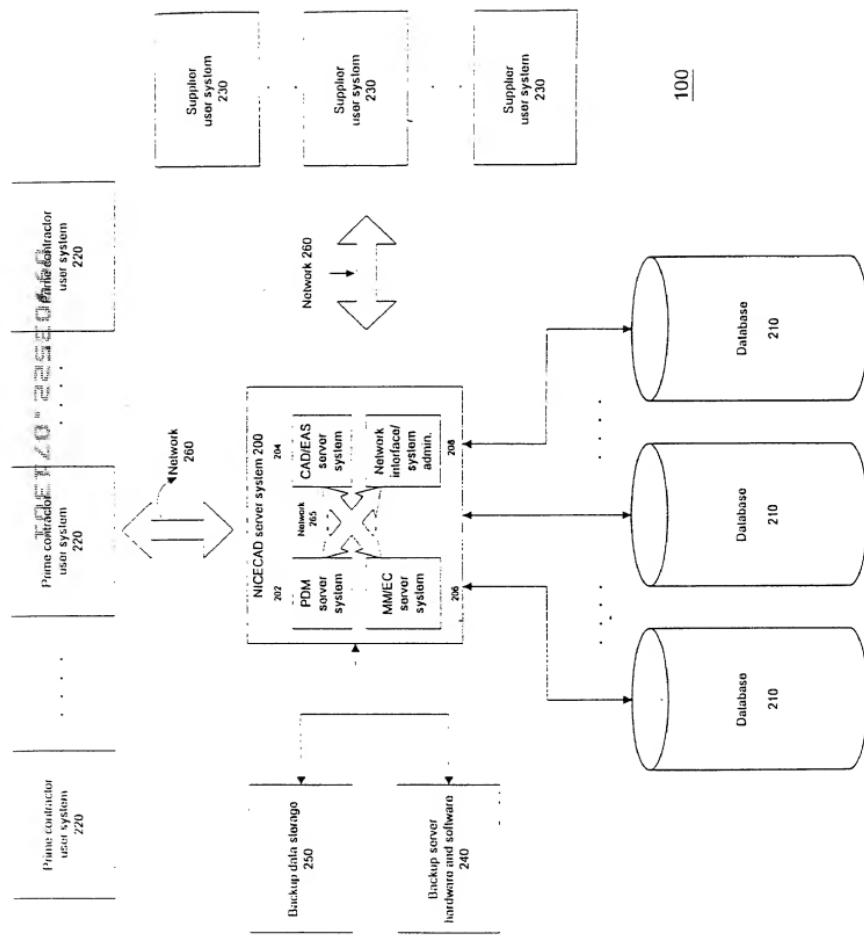
Interactive process of  
engineering analysis and  
simulation resulting in design  
modifications and reanalysis/  
resolution

Design team

Fabrication team

Other engineering teams

Figure 1



**Figure 2**

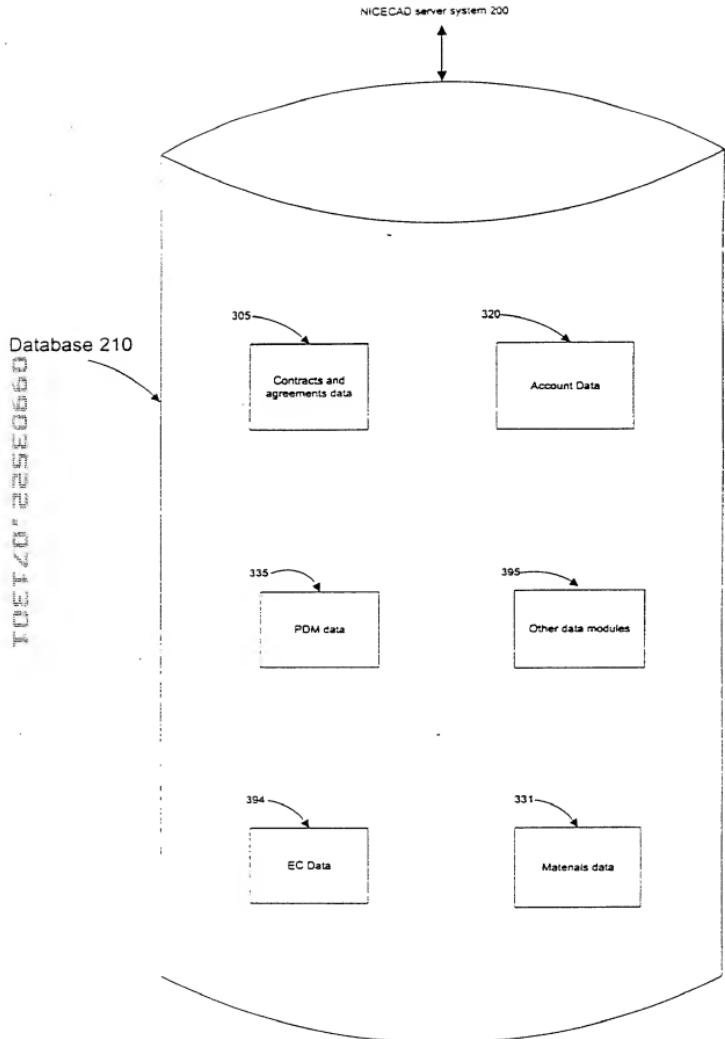


Figure 3

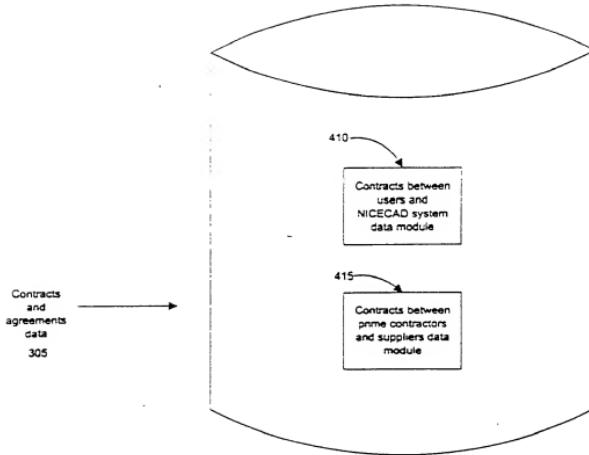


Figure 4

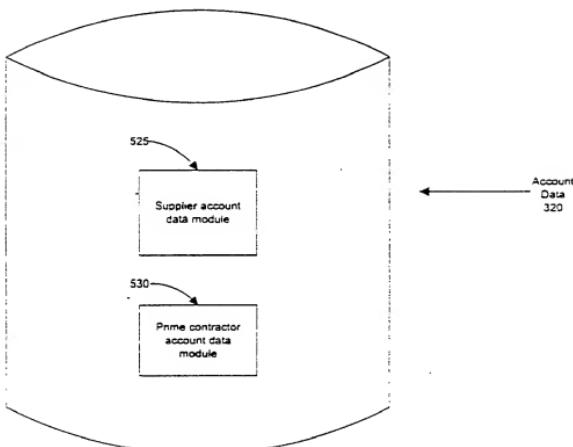


Figure 5

00000000000000000000000000000000

T00740-22530660

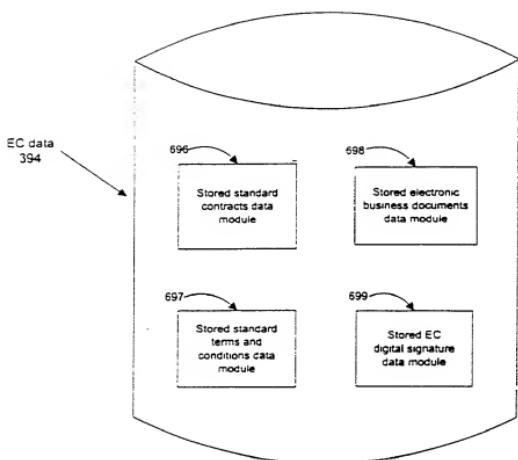


Figure 6

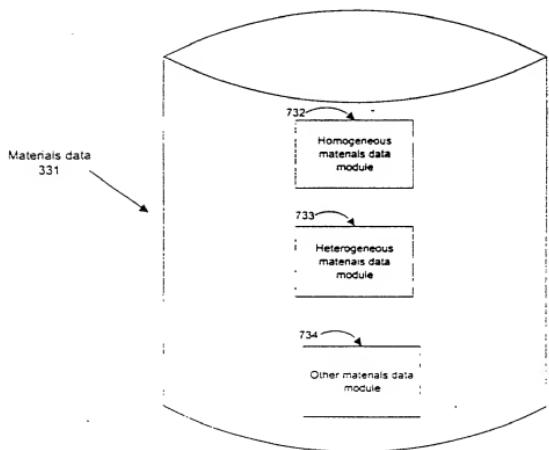


Figure 7

PDM data  
35

010903522-074331

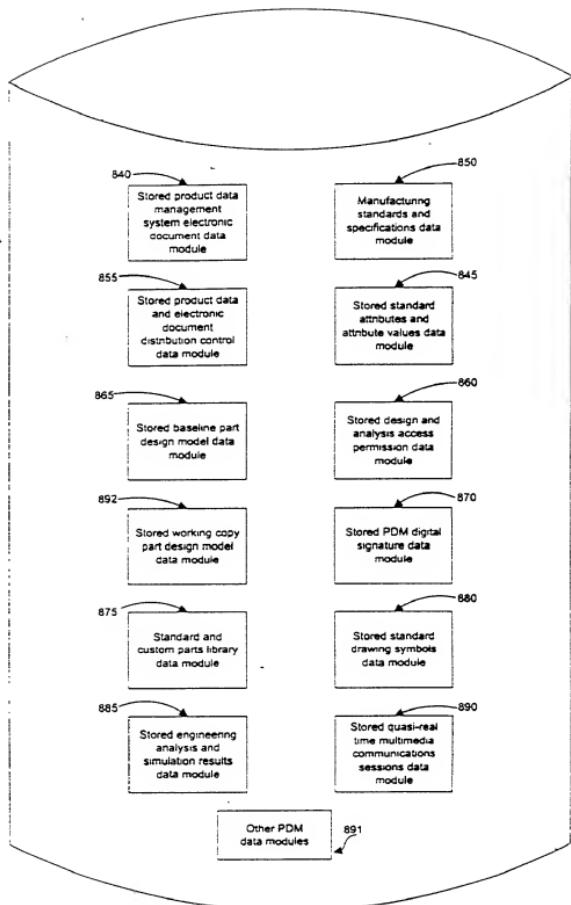


Figure 8

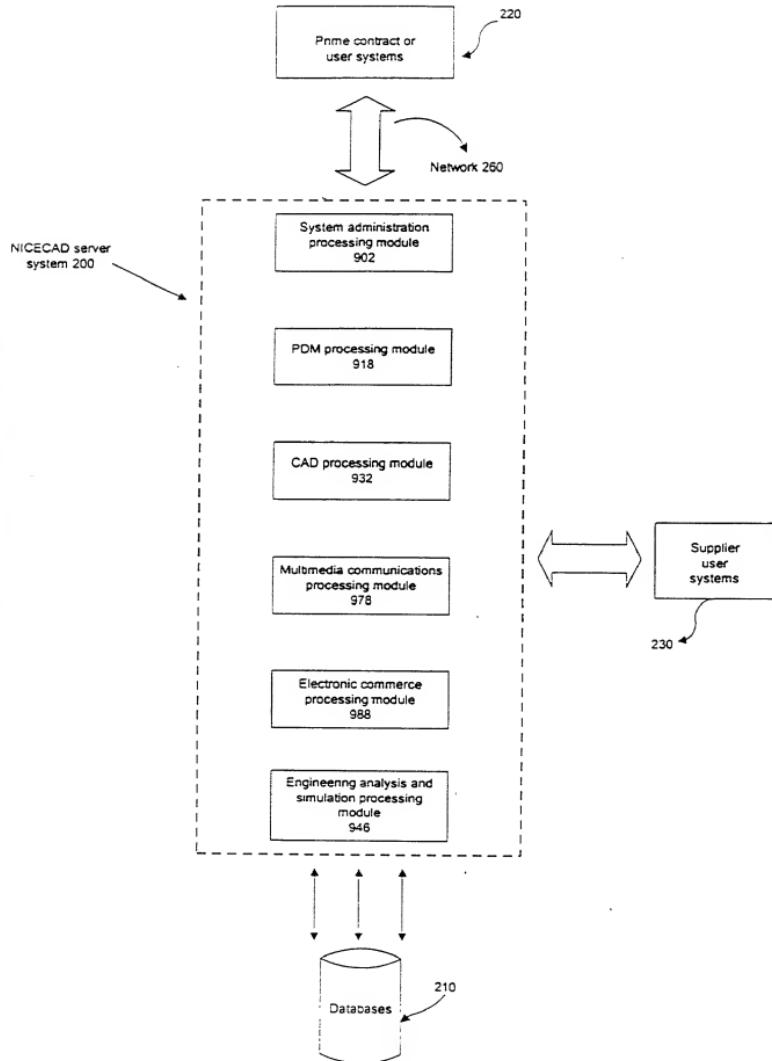


Figure 9

System administration  
processing module  
902

09903522-071301

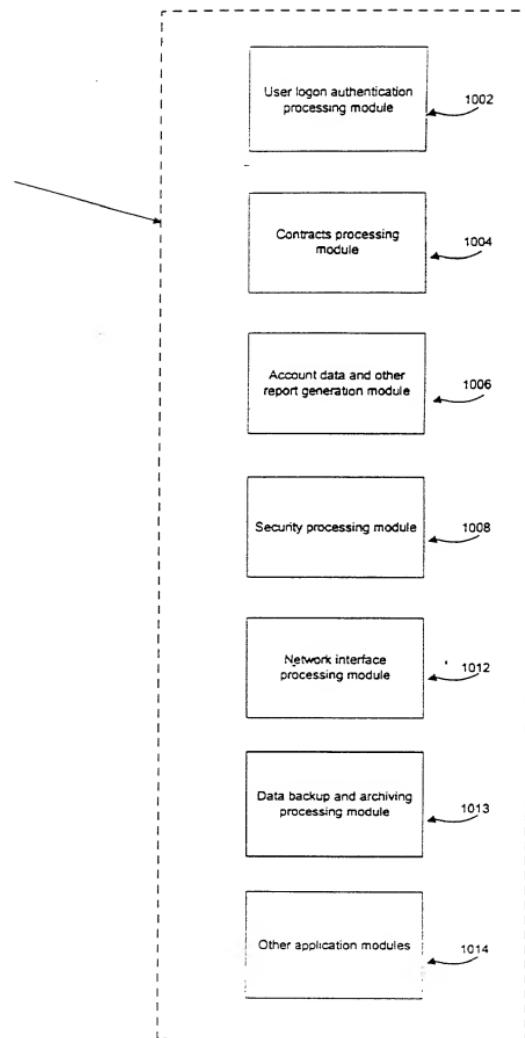


Figure 10

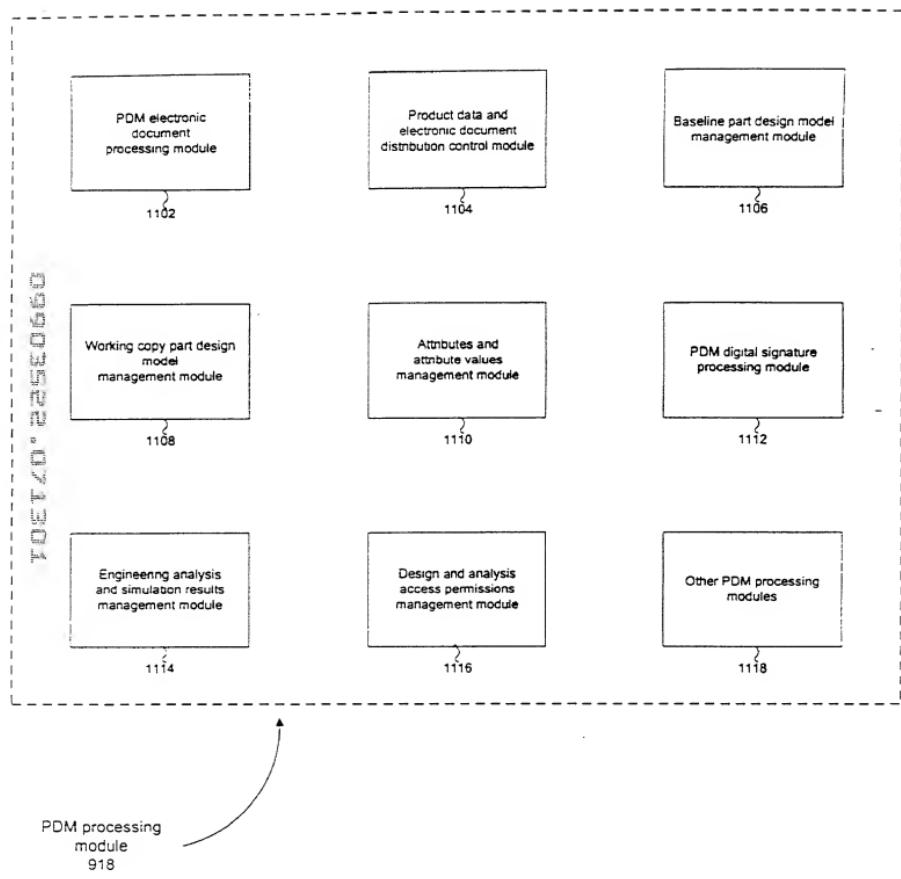


Figure 11

CAD processing  
module  
932

05903522 - 071301

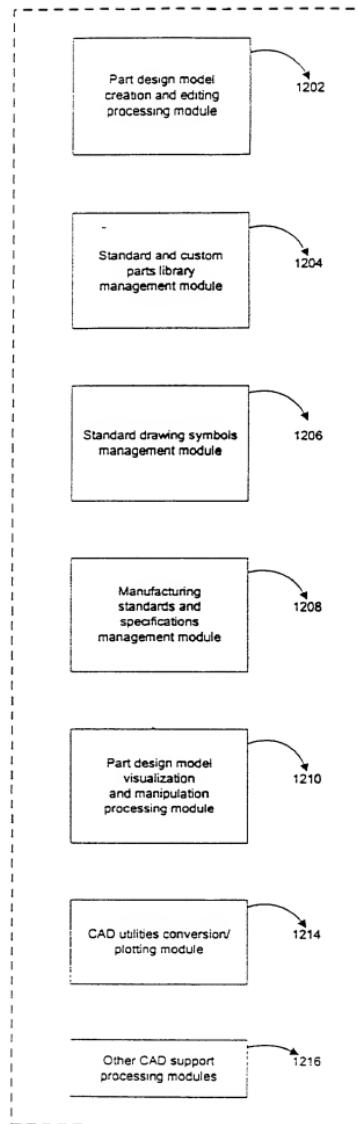


Figure 12

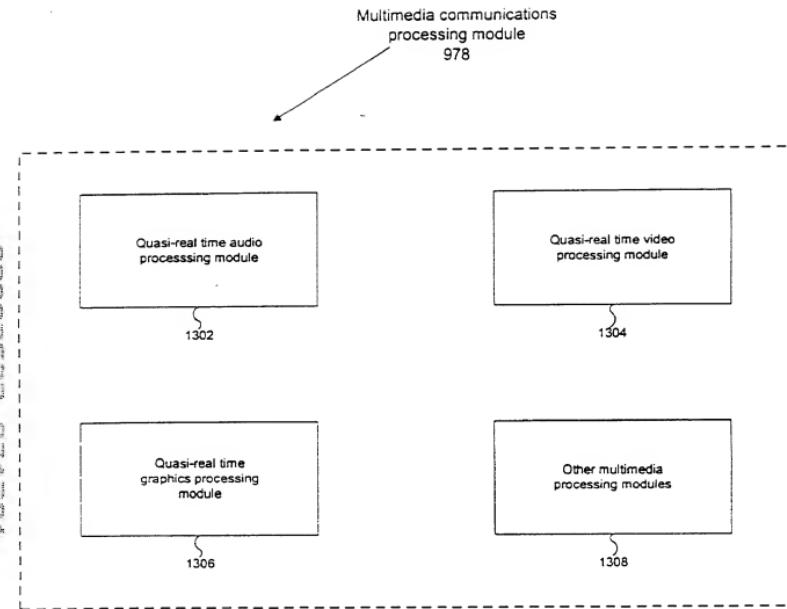


Figure 13

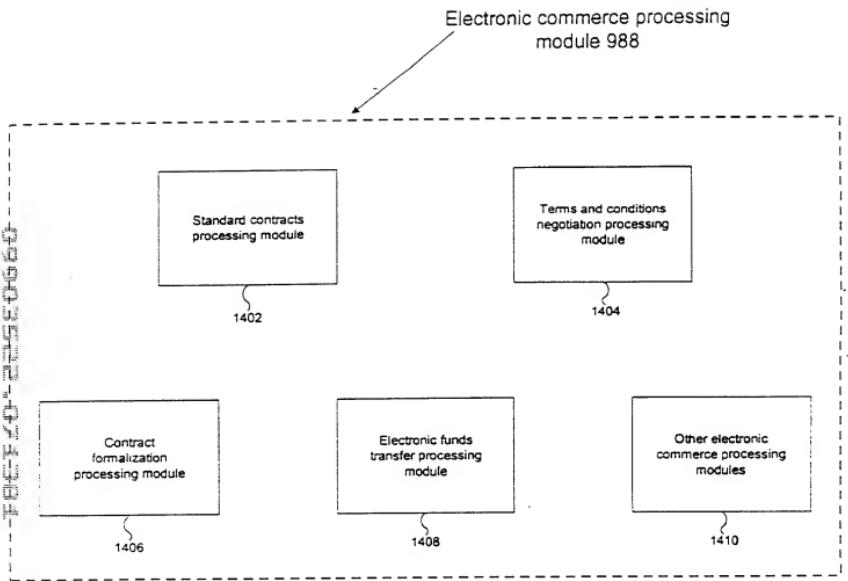


Figure 14

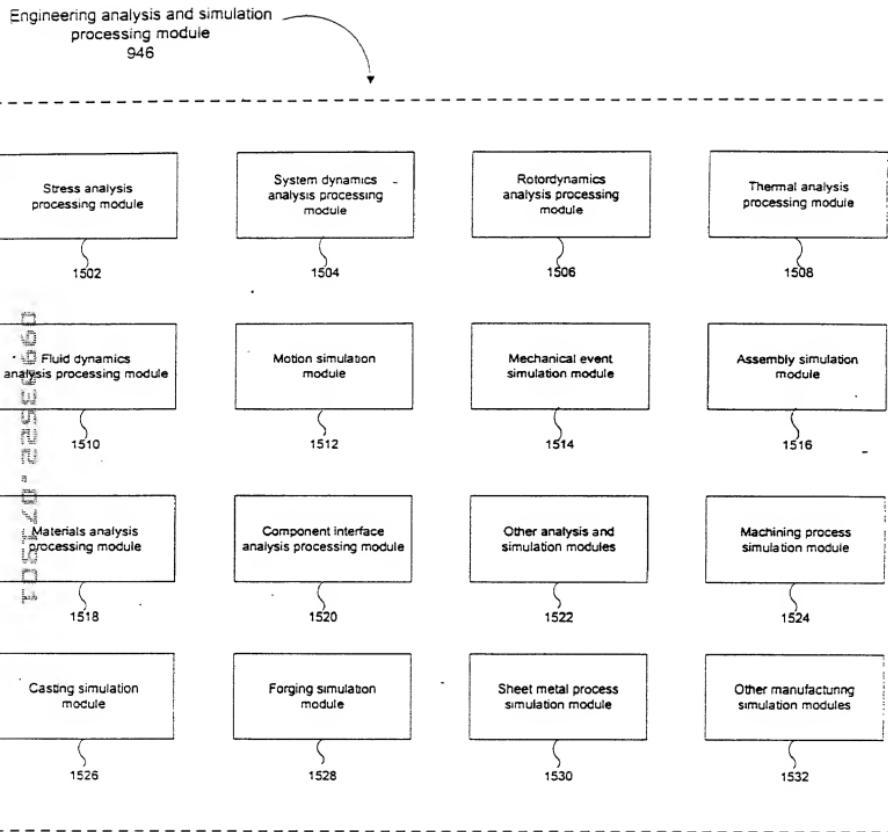


Figure 15

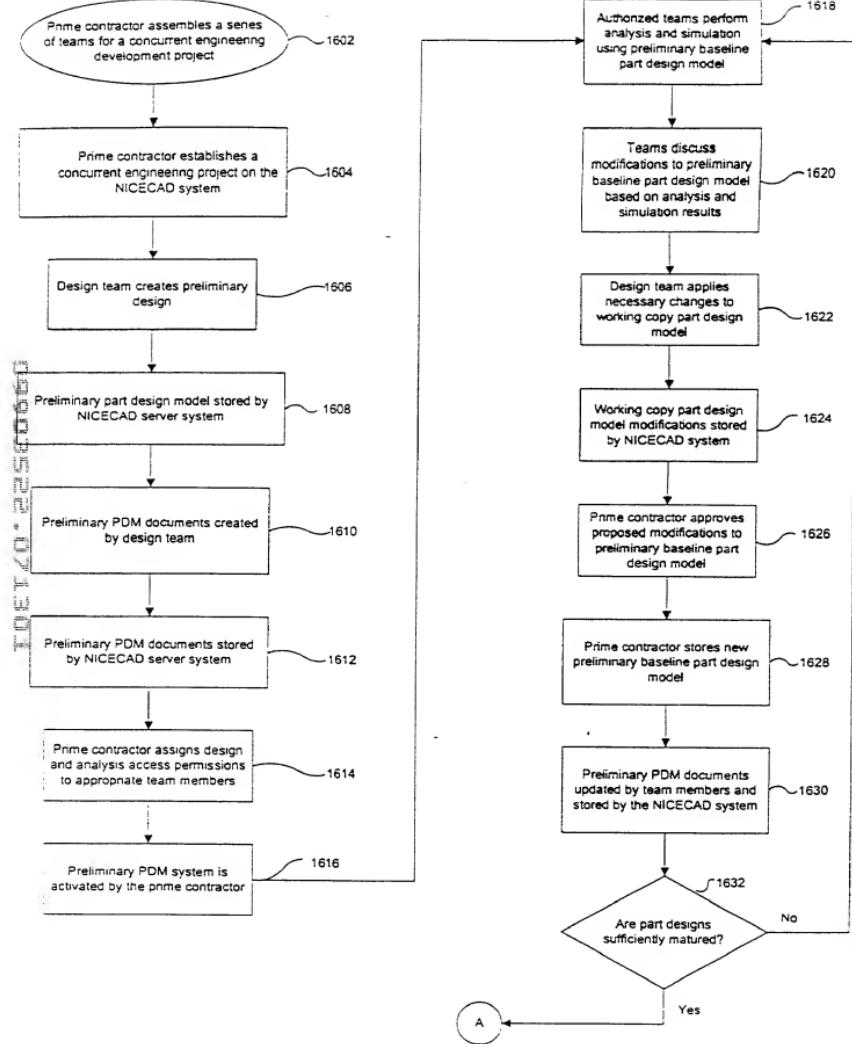


Figure 16A

09903522 - 074304

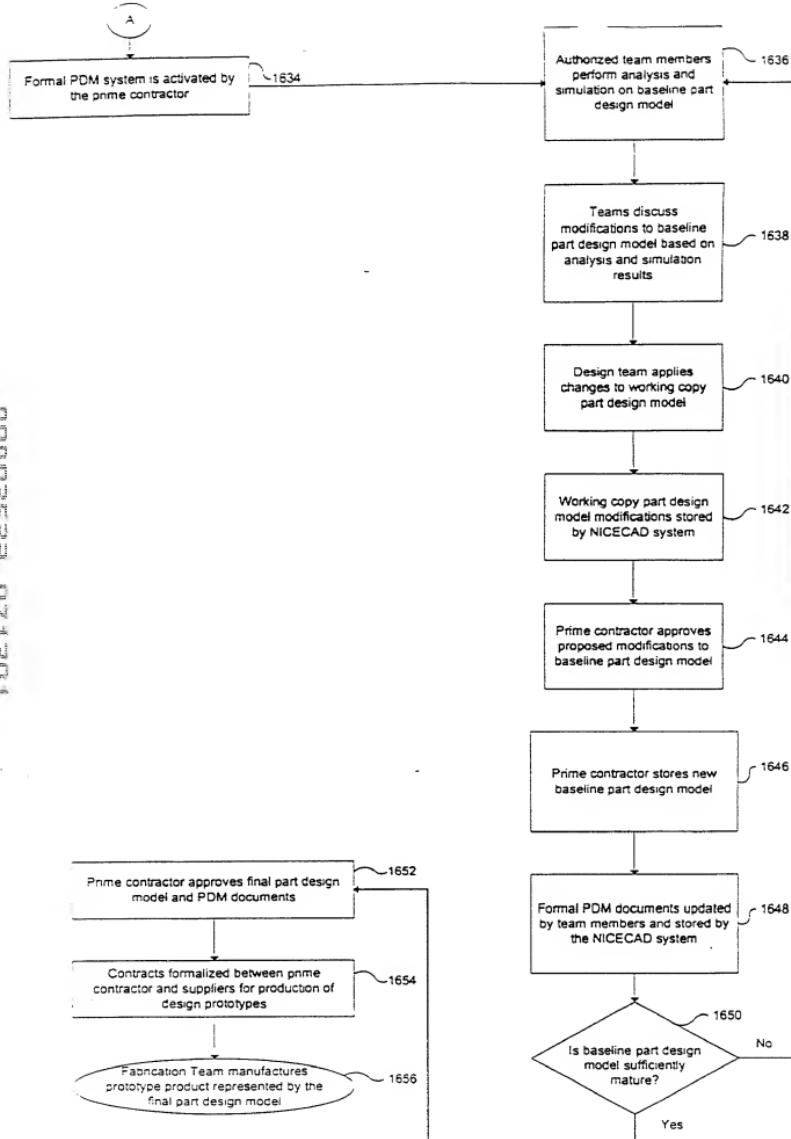


Figure 16B

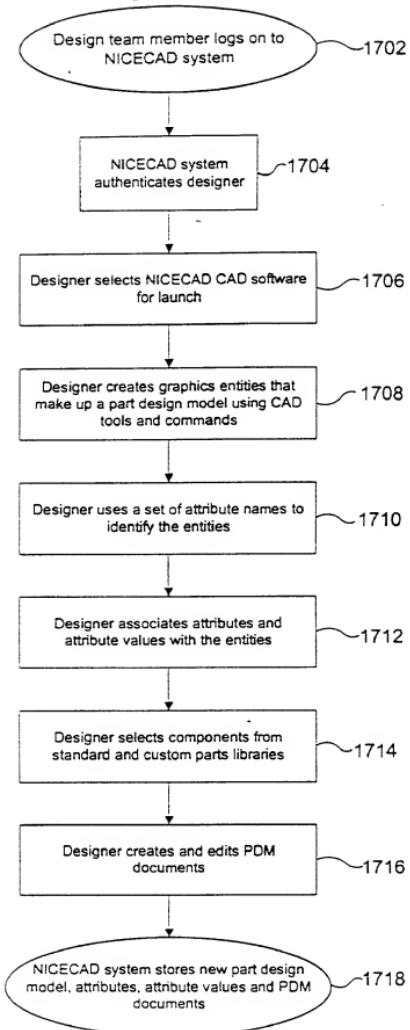


Figure 17

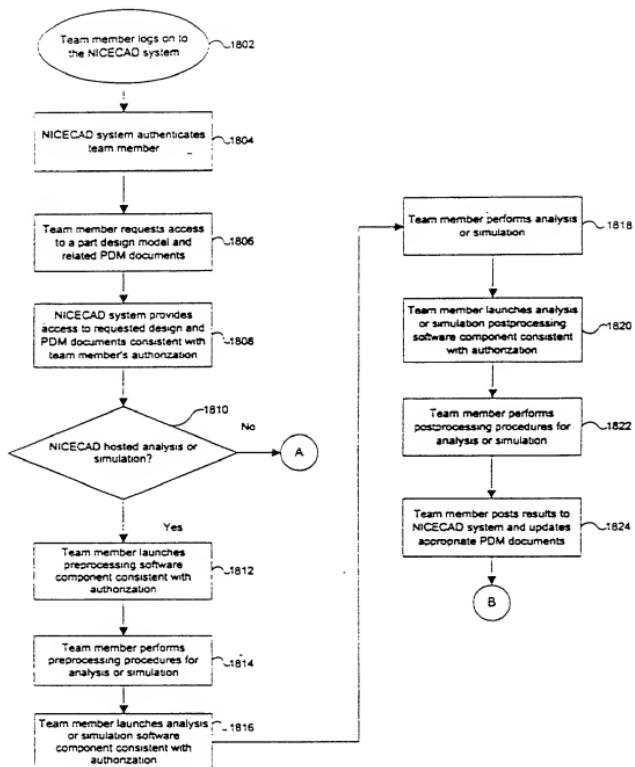


Figure 18A

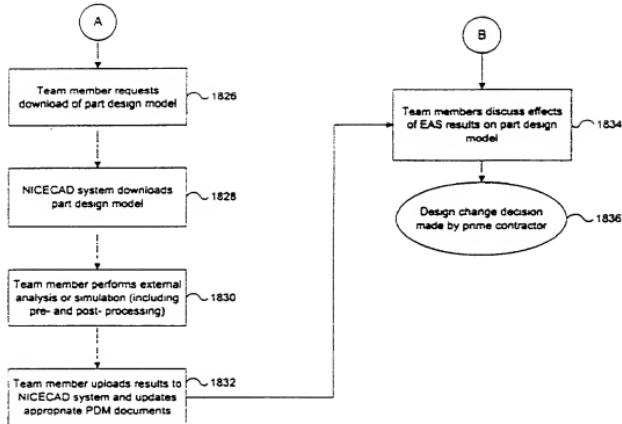


Figure 18B

09903522.17430

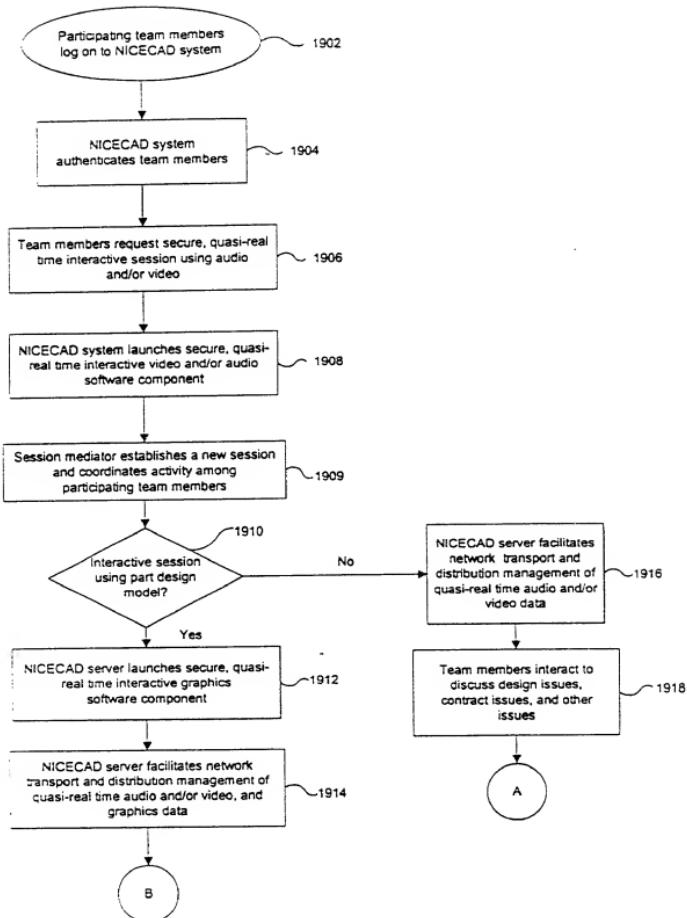


Figure 19A

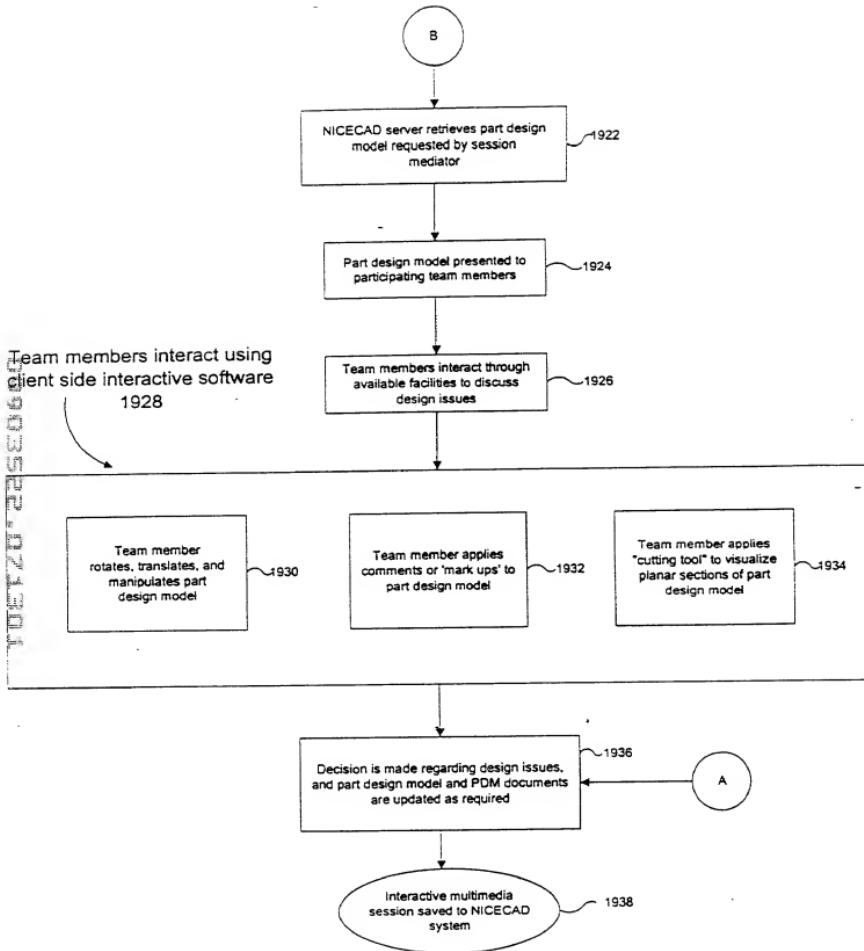


Figure 19B

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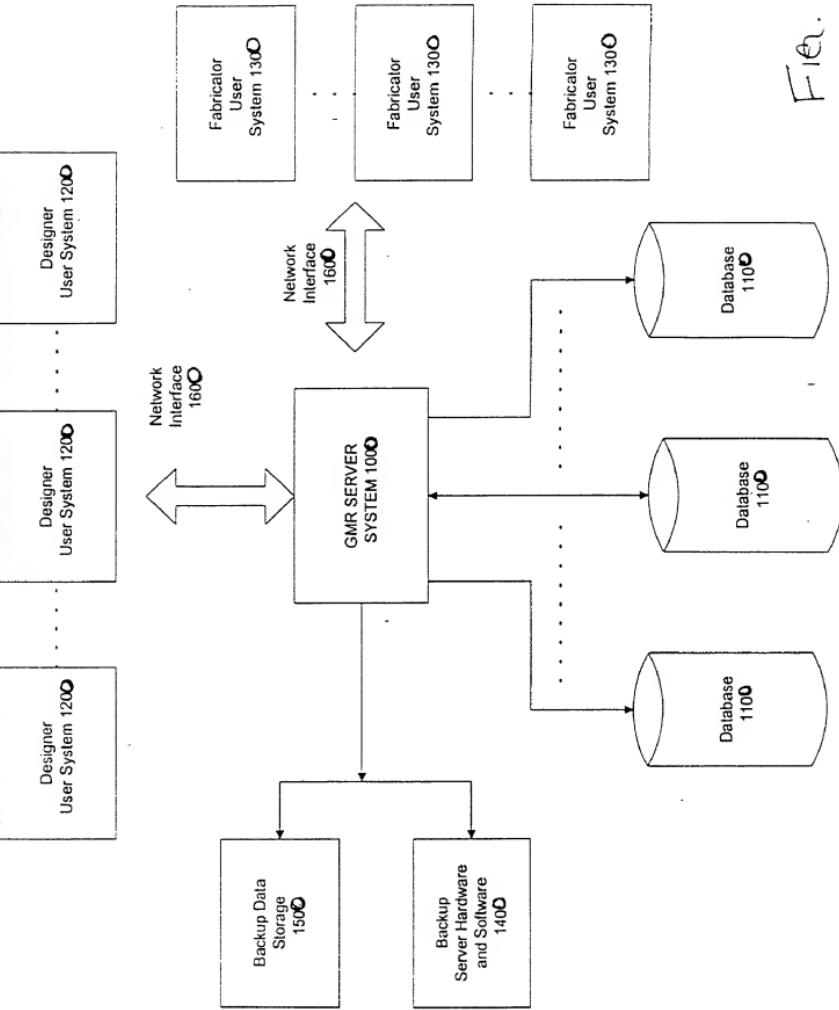
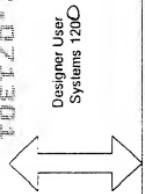


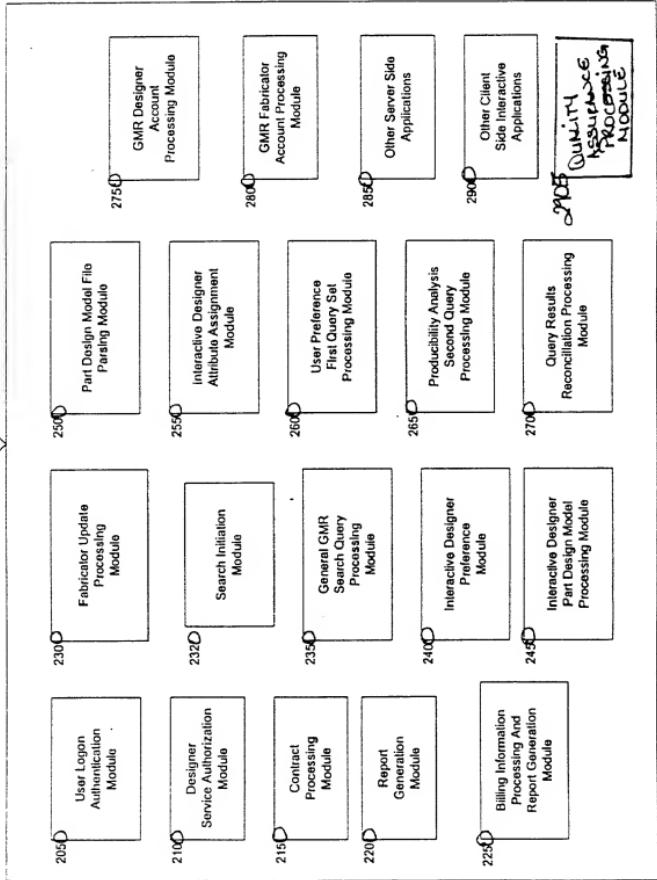
Fig. 20

Figr. 21

TIME ZONE 22510650

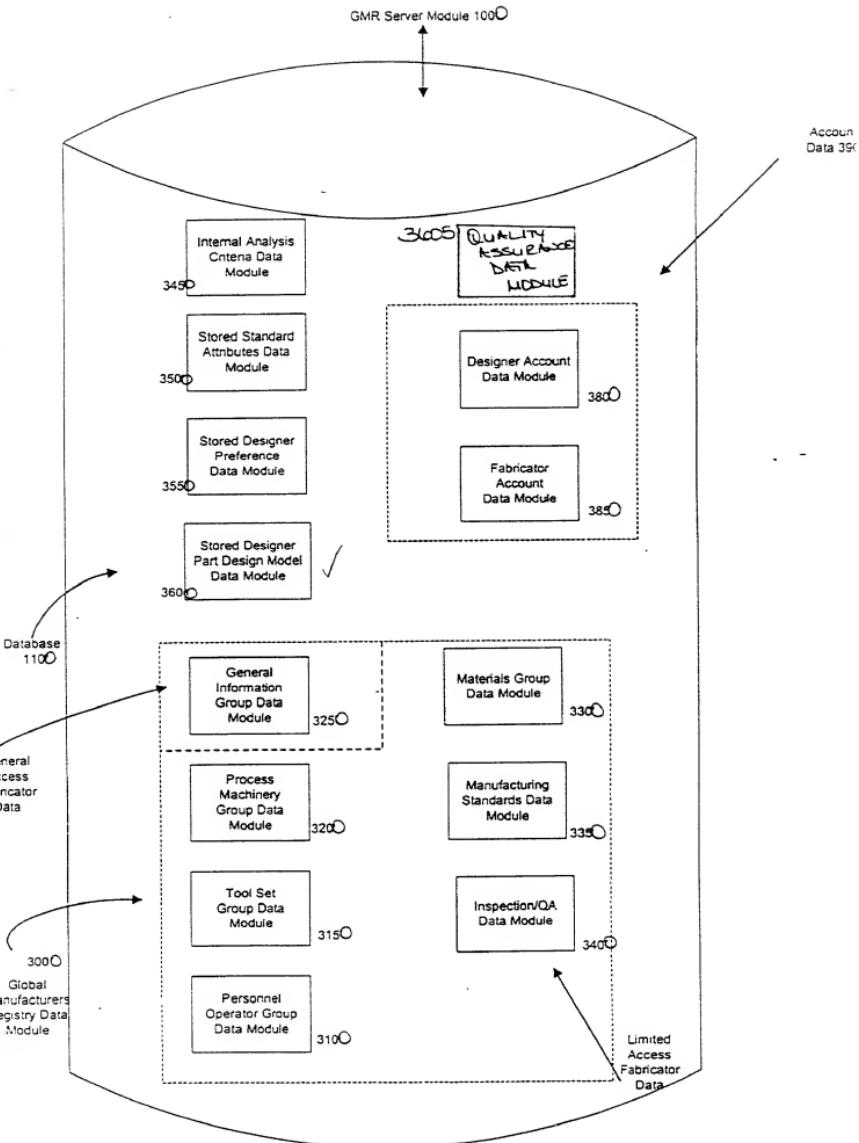


Designer User  
Systems 120



GMR  
Server  
System  
100C

09903522 0671300



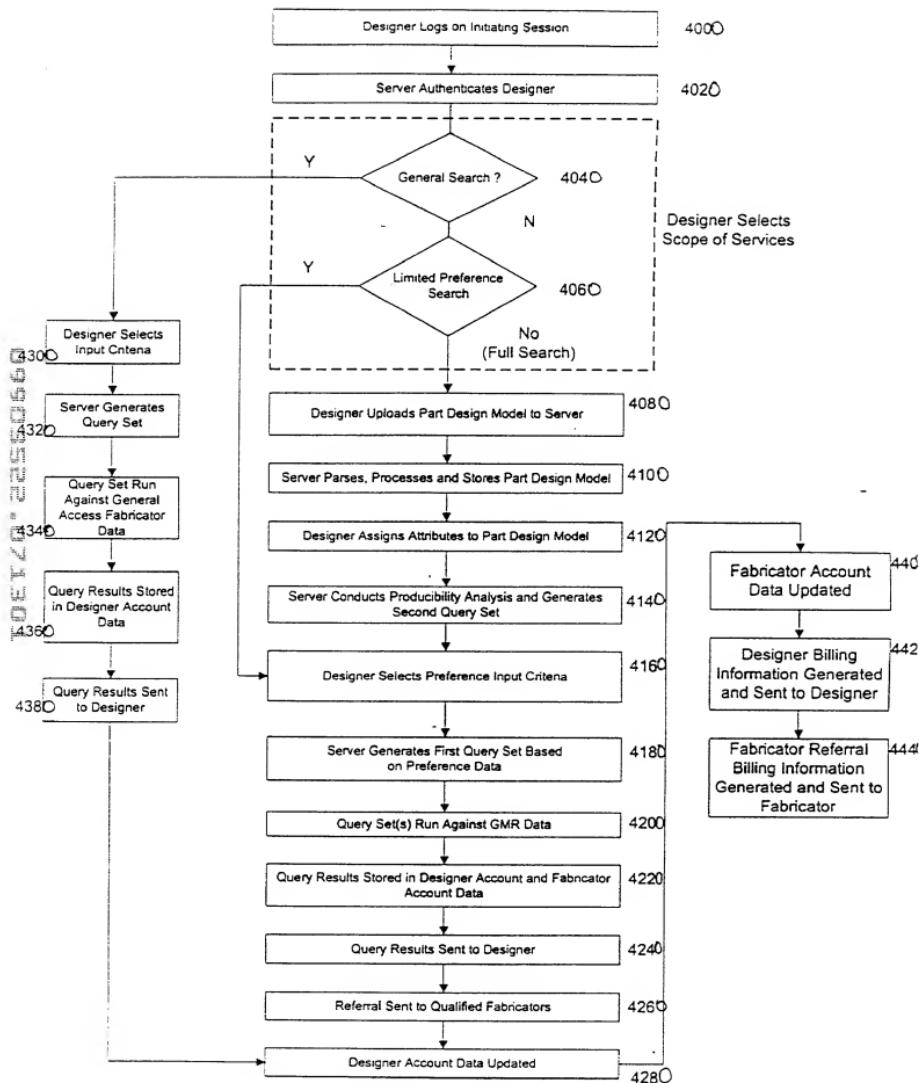


Fig. 23

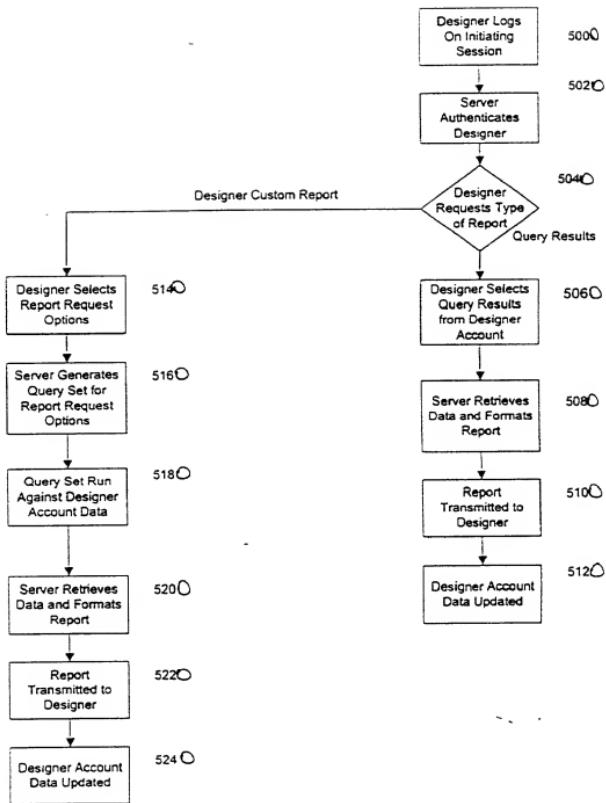


Fig. 24

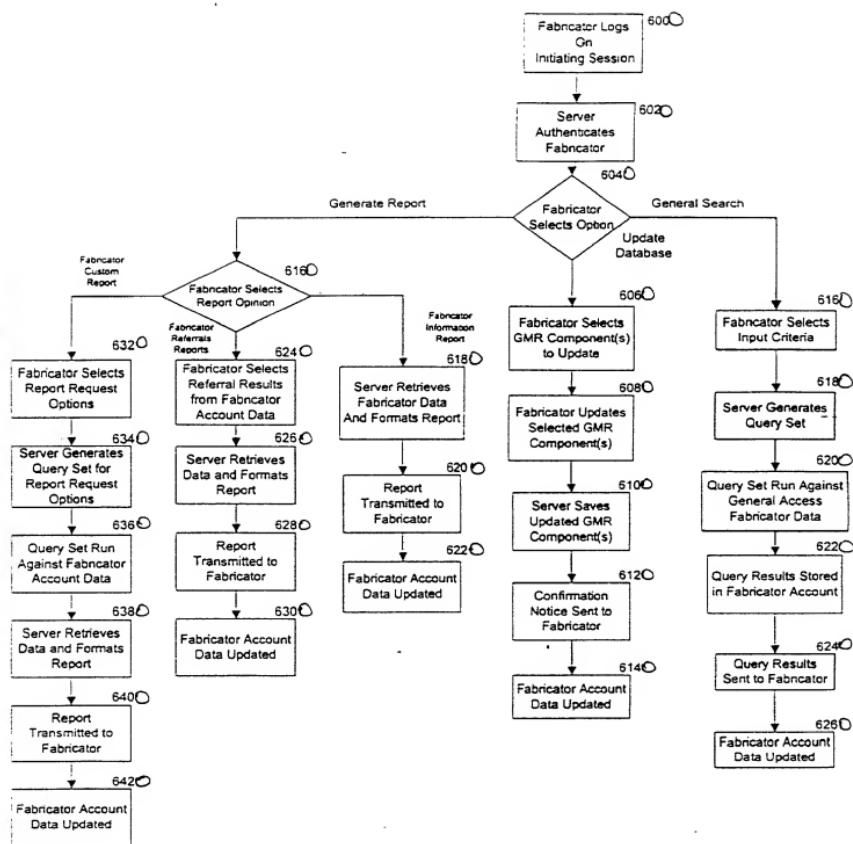


Fig. 25

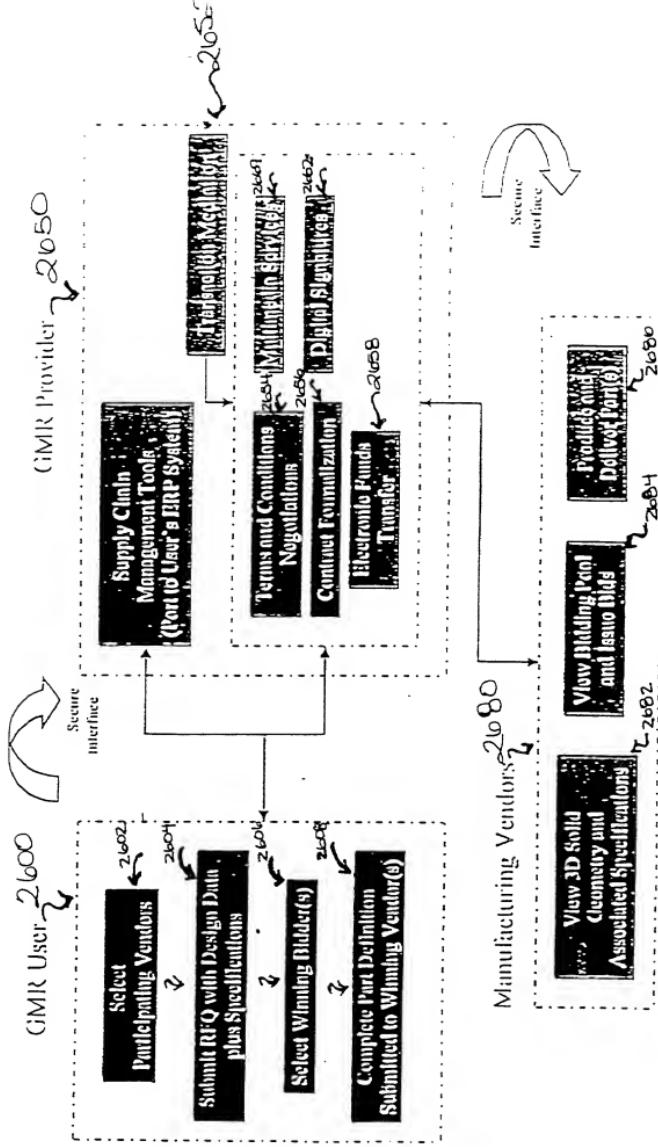


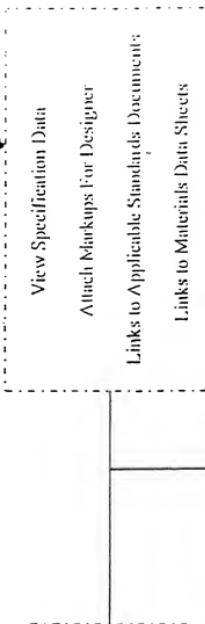
Fig. 24

TOEYD 22530660

2750

Manipulation Tools  
Pan, Zoom, and 'Fly Through'  
Java 3D Version of Original CAD Model

Java 3D Version of Original CAD Model



FIA 27

TOELEO "22560660

